

**Appendix H:Rodney District - Proposed walkways and cycleways - Western Ward - Preliminary Project List**

Timeframe (years)	Identifier	Name of Road/School (roll)/commercial centre or town	Physical Description & C/W generator	Route Distance(m)	Facility type (Walkway, Cycleway, combined C/W)	Safety Issues	Engineering Cost Estimate (ROC),excl. land purchase & end point facilities (\$ March 2007)	Comments  (Note - where the site is on a State Highway the walkway/cycleway proposal will be developed in collaboration with Transit New Zealand)
		<b>Schools (15)</b>						
1 - 5	1WS	Waitoki School (104)	Kahikatea Flat Rd from Waitoki Road to Forestry Road	1000	C/W	70 km/h speed limit	C/W \$200k	Walkway connecting school to No. 1083 exists. No footpath beyond. Provide C/W 2.2m wide. Transformer to be relocated
1 - 5	2WS	Dairy Flat School (298)	SH17 - 1 km north	1000	C/W	High traffic volumes on SH17	C/W \$190k	No Footpath
1 - 5	3WS	Dairy Flat School	SH17 - 1km south	1000	C/W	High traffic volumes on SH17	C/W \$190k	No Footpath
1 - 5	4WS	Kaipara College(& Rugby Park)	Ruatawhiri Rd from Rugby Park to Inland Road I/S	450	C/W	High traffic flows during morning & afternoon school peaks	C/W \$85k	No Footpath. Provide C/W 2.2m wide.
1 - 5	5WS	Kaipara College (634)	Rautawhiri Rd from Wishart Road to Rugby Park	1000	C/W	High traffic flows during morning & afternoon school peaks	C/W \$150k	Existing FP north side. Widen existing footpath to 2.2m C/W
1 - 5	6WS	Kaipara College	Awaroa Rd from SH16 to Rautawhiri Road	1500	C/W		C/W \$225k	Existing FP west side. Widen existing footpath to 2.2m C/W
1 - 5	7WS	Kaipara College	Cabeleigh Drive from Awaroa Rd to House No.30	350	C/W		C/W \$55k	New subdivision, footpath exists. Widen existing footpath to 2.2m C/W
1 - 5	8WS	Kaipara College	Cabeleigh Dr from House No. 30 to Kaipara College through reserve	200	C/W		Bridge \$40k C/W \$225k	Appears to be a current usage route. No footpath. Provide C/W 2.2m wide. Footbridge needed
1 - 5	9WS	Kaipara College, Helensville Primary School (423)	Garfield Rd from SH 16 to Wishart Road	1200	C/W		C/W \$180k	Existing footpath west side. Widen existing footpath to 2.2m C/W
1 - 5	10WS	Waimauku School (584)	Muriwai Rd from Freshfields Rd to School Road	500	C/W	No walking facility for school children.	C/W \$95k	No Footpath. Provide C/W 2.2m wide.
1 - 5	11WS	Waimauku School	SH16 from Solan Drive to Muriwai Rd	300	C/W	No walking facility for school children.	C/W \$60k	Needs consideration in conjunction with the proposed upgrade of Waimauku Station Rd/SH16/Muriwai Rd intersection
6 - 10	12WS	Huapai District School (377)	Station Rd from District School to Tawa Road	1000	C/W		C/W \$190k	No Footpath. Provide C/W 2.2m wide.
6 - 10	13WS	Huapai District School	SH16 from Station Road to Huapai Service Centre and Library	900	C/W	No C/W link from Huapai Service Centre and Library to school. High Traffic Volumes on SH16.	C/W \$170k	Existing FP east side. Provide C/W 2.2m wide on west side.
6 - 10	14WS	Parakai School (181)	Springs Rd from Parkhurst Road to the End	900	C/W		C/W \$135k	Existing FP from Parkhurst Road to Pengelly Place north side. Widen existing footpath to 2.2m C/W
6 - 10	15WS	Parakai School	Parkhurst Rd from Springs Road to Fordyce Rd	750	C/W		Enabling \$50k C/W \$140k	Existing FP west side. New footpath 2.2m W/C east side.
6 - 10	16WS	Kaipora College, Helensville Primary School	Pipitiwai Drive	630	C/W	Inadequate Walking/Cyclint Opportunity	C/W \$150k	

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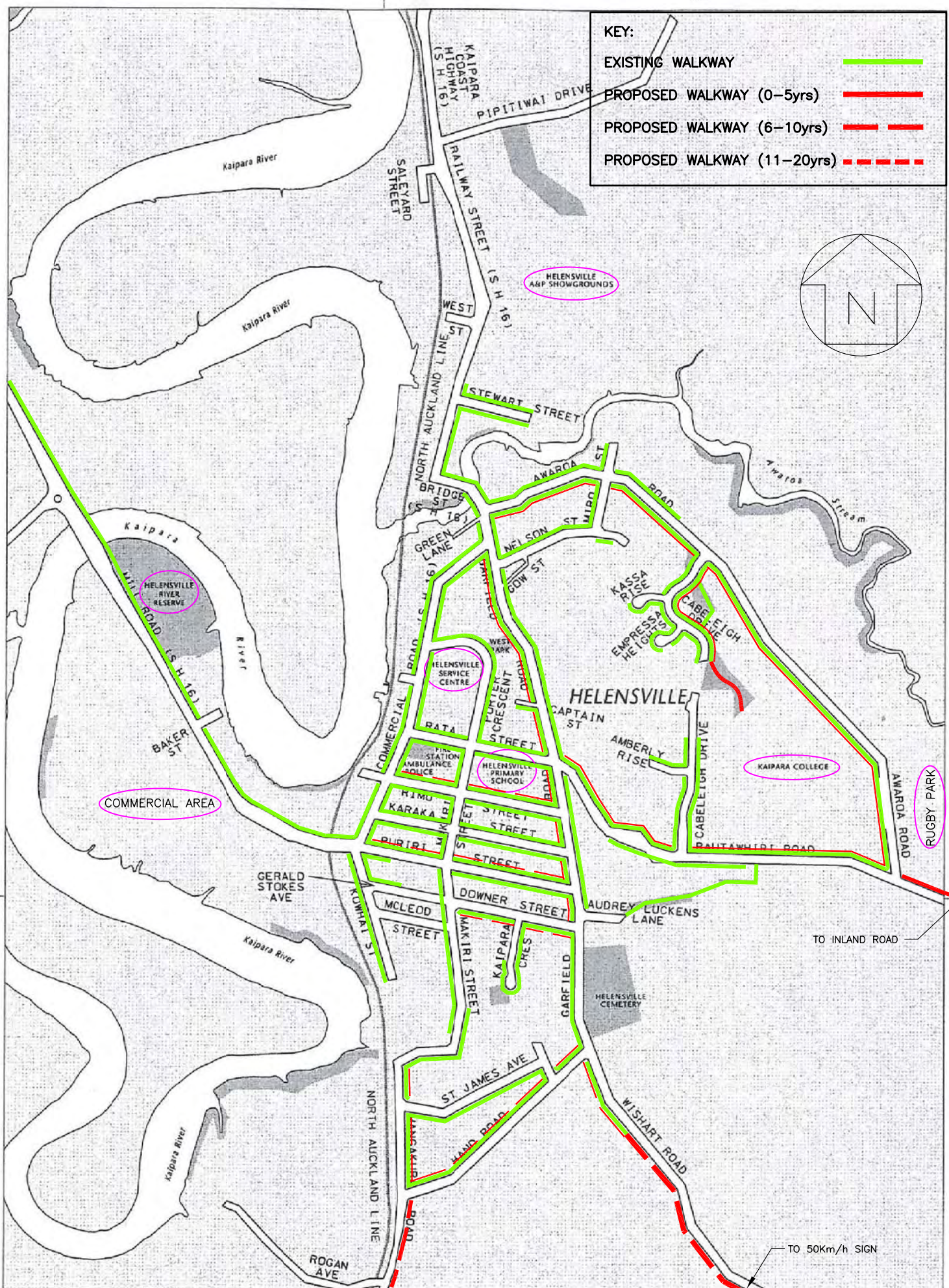
<b>Timeframe (years)</b>	<b>Identifier</b>	<b>Name of Road/School (roll)/commercial centre or town</b>	<b>Physical Description &amp; C/W generator</b>	<b>Route Distance(m)</b>	<b>Facility type (Walkway, Cycleway, combined C/W)</b>	<b>Safety Issues</b>	<b>Engineering Cost Estimate (ROC),excl. land purchase &amp; end point facilities (\$ March 2007)</b>	<b>Comments</b>  (Note - where the site is on a State Highway the walkway/cycleway proposal will be developed in collaboration with Transit New Zealand)
6 - 10	16WS	Woodhill School (81)	Short section at bus-bay	100	W	School is on SH 16 ,high traffic volumes		
6 - 10	17WS	Waitoki School	Waitoki Rd from Kahikatea Flat Road to 1km	1000	C/W	70 km/h speed limit	C/W \$150k	No Footpath. Provide C/W 2.2m wide.
6 - 10	18 WS	Wainui School (203)	Waitoki Rd from Whitehills Road I/S to Wainui Road I/S	1500	C/W	100 km/h speed limit	Bridges \$110k C/W \$225k	Check if school access is Council road, add WW if yes. Two ped. bridges needed, 15m and 12m long
6 - 10	19WS	Kaukapakapa School (242)	SH 16 from North Crescent to Kaukapakapa Primary School	1000	C/W	Access from village to school is along SH16.	C/W \$185k	Existing Footpath on west side 1.4m wide. Widen to 2.2m w/c.
6 - 10	20WS	Kaukapakapa School	North Cres from Pinchgut Road to SH16 (north end)	350	C/W	Narrow Road with short sight distance around curves.	C/W \$75k	No Footpath. Provide C/W 2.2m wide.
6 - 10	21WS	Kaukapakapa School	SH16 from South Avenue to Kaukapakapa Primary School	1000	C/W	100 km/h speed limit	C/W \$150k	No Footpath. Provide C/W 2.2m wide. There is existing footpath on western side of SH16 bredge adjacent to South Ave.
6 - 10	22WS	Kaipara College, Helensville Primary School	Wishart Rd from Hand Road to End of 50 km/h zone	1000	C/W		C/W \$225k	No Footpath. Provide C/W 2.2m wide.
6 - 10	23WS	Kaipara College, Helensville Primary School	Hand Rd from Garfield Rd to Mangakura Rd	540	C/W		C/W \$100k	Existing FP north side. Widen existing footpath to 2.2m C/W
6 - 10	24WS	Kaipara College, Helensville Primary School	Mangakura Rd from Rogan Ave to Makiri St	550	C/W		C/W \$85k	Existing FP Makiri Street to Hand Road east side. Widen existing footpath to 2.2m C/W
6 - 10	25WS	Kaipara College, Helensville Primary School	Puriri St from Commercial Road to Garfield Road	500	C/W		C/W \$75k	Existing FP both sides. Widen existing footpath to 2.2m C/W
6 - 10	26WS	Kaipara College, Helensville Primary School	Downer St from Makiri Street to Garfield Road	300	C/W		C/W \$45k	Existing FP one side. Widen existing footpath to 2.2m C/W
6 - 10	27WS	Kaipara College, Helensville Primary School	Rimu St from SH 16 to Garfield Road	400	C/W		C/W \$60k	Existing FP both sides. Widen existing footpath to 2.2m W/C
6 - 10	28WS	Parakai School	Fordyce Rd from Raabia Close to 1km	1000	C/W		C/W \$185k	Existing FP from Parkhurst Road to Raabia Close north side
6 - 10	29WS	Taupaki School (245)	Short section at bus-bay	100	W			
6 - 10	30WS	Coatesville School (295)	C-R Highway from Sunnyside Road to Mahoenui Valley Road	1000	C/W	High traffic volumes on Coatesville Riverhead Highway	C/W \$190k	No Footpath. Provide C/W 2.2m wide.
6 - 10	31WS	Coatesville School	Mahoenui Valley Rd from Coatesville Riverhead Highway to Bridge (70 km/h sign)	700	C/W		C/W \$135k	No Footpath. Provide C/W 2.2m wide.
11 - 20	32WS	Riverhead School (250)	Cobblers Lane from Newton Road to the End	160	C/W	No footpath from school to residential area.	C/W \$35k	No Footpath. Provide C/W 2.2m wide.
11 - 20	33WS	Riverhead School	Newton Rd from School Road to C-R Highway	250	C/W	No C/W link from School Road to Coatesville Riverhead Highway via Newton Road.	C/W \$50k	No Footpath. Provide C/W 2.2m wide.

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11 - 20	34WS	Waitakere School(in Waitakare City,on RDC boundary)	Bethells Rd -possible length of 350m from Waitakare Rd intersection	300	C/W	High summer traffic volumes	C/W \$50k	(Note - where the site is on a State Highway the walkway/cycleway proposal will be developed in collaboration with Transit New Zealand) Requires co-ordination & possible cost-sharing with WCC
11 - 20	35WS	Waioneke School (38)	Adjacent to front entrance to school	100	W			
		<b>Commercial/town centres-links to residential areas</b>						
1 - 5	1WC	Muriwai- Motutara Rd	Access to a very popular tourist destination	1500	C/W	Need to improve safety especially for walking	C/W \$300k	Access to and from local convenience shops and commercial area. No footpath. Provide C/W 2.2m wide.
1 - 5	2WC	Muriwai- Oaia Rd	Access to and from park.	1200	C/W	Need to improve safety especially for walking	C/W \$150k	Access to and from local convenience shops and commercial area. No footpath. Provide C/W 2.2m wide.
1 - 5	3WC	Dairy Flat shops - Kahikatea Flat Road	Kahikatea Flat Rd from No. 17 to No. 61(access to Dairy Flat shops)	300	C/W	No C/W facility from commercial/retail area to neighbouring residential area.	C/W \$60k	Access to and from local convenience shops and commercial area. No footpath. Provide C/W 2.2m wide.
1 - 5	4WC	Oraha Rd , Huapai	Oraha Rd from Koraha Rd to Matua Rd	1000	W	No walkway facility from commercial/retail area to neighbouring residential area.	W, \$300k. Some constraints through a section of road cutting and across the Kumeu River Bridge.	Access to and from Huapai/Kumeu shops, commercial area, bus route. No footpath. Provide 1.4m wide walkway. Also , provides connectivity to proposed Koraha Rd and then to Riverhead Rd residential area (refer project 5WC below)
1 - 5	5WC	Koraha Rd , Huapai	Koraha Rd from Oraha Rd to Riverhead Rd	1000	C/W	No C/W facility from commercial/retail area to neighbouring residential area.	C/W 220k	Access to and from Huapai/Kumeu shops, commercial area, bus route. No footpath. Provide C/W 2.2m wide. Also , provides connectivity from Riverhead Rd residential area to proposed Oraha Rd walkway (refer project 4WC above). Both 4WC & 5WC will provide loop access when conected with SH16 link to Kumeu (site 10WC).
1 - 5	6WC	Waimauku	SH16 from Muriwai Road to Factory Road(park & ride)	500	C/W	No C/W link from village to park and ride area.	Enabling \$50k C/W \$55k	No Footpath. Provide C/W 2.2m wide.
1 - 5	7WC	Waimauku	Waimauku Station Rd from Murray Way to Cane Rd	700	C/W	No provision for cyclists	C/W \$135k	No Footpath on part of route. Provide C/W 2.2m wide.

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1 - 5	8WC	Waimauku	Factory Rd from Waimauku Station Road to SH 16	300	C/W	No C/W link from village to park and ride area.	Enabling \$50k C/W \$55k	No Footpath. Provide C/W 2.2m wide.
1 - 5	9WC	Waimauku	SH 16 from Waimauku Station Rd to Station Rd , Huapai	5000	C/W	No safe C/W link from Waimauku to Huapai-need off-road(SH) C/W corridor	Not calculated as need Transit NZ approval	This project needs Transit NZ approval.
1 - 5	10WC	Kumeu	SH16 from Weza Lane to Riverhead Road	420	C/W	No C/W link from Kumeu Village to residential area in Riverhead Road. High Traffic Volumes on SH16.	Bridge \$45k C/W \$70k	Joins FP on Riverhead Road. Provide C/W 2.2m wide. Footbridge along existing bridge needed.
1 - 5	11WC	Shelly Beach	Shelly Beach Rd at James McLeod Rd intersection-school bus linkage(along new subdivision)	500	C/W		C/W \$75k	Narrow road and connection required for school bus. Later stage of approx. 1000m from new subdivision to beach.
6 - 10	112WC	Riverhead	C-R Highway from Riverhead Road Roundabout to Rangitopuni Bridge	1500	C/W	High traffic volumes on Coatesville Riverhead Highway	C/W \$285k	No footpath. Provide C/W 2.2m wide.
		<b>Arterials &amp; State Highways(medium distance work routes)</b>						
1 - 5	1WA	SH16(Parakai to Helensville)	Parkhurst Rd/SH16(Mill Rd) from Waiwera Ave to Commercial Rd-work & commerce link	2300	C/W	Part of route is beside SH 16. High traffic volumes	C/W \$350k	Existing footpath/ cycleway east side. Upgrade to 2.2m wide.Can also link to heritage walkway being constructed along right bank of Kaipara River in this locality
6 - 10	2WA	C-R Highway & SH17(Coatesville to Albany)	C-R Highway & SH17(Coatesville to Albany)-work & commerce link	4700	C	High traffic volumes and many curves through undulating terrain	Cost estimate still to be prepared	Provide cycleway on-road both directions, where sufficient width exists
6 - 10	3WA	Coatesville-Riverhead(C-R) Highway(R'hd-SH16)	C-R Highway & SH16(Riverhead to Kumeu work route)	7000	C	High traffic volumes and many curves through undulating terrain	Cost estimate still to be prepared	Provide cycleway on-road both directions, where sufficient width exists
11 - 20	4WA	Muriwai Road	Motutara Road intersection to SH16 (part work route to Huapai /Kumeu)	7800	C	High summer traffic volumes and many curves through undulating terrain	Cost estimate still to be prepared	Provide cycleway on-road both directions, where sufficient width exists
11 - 20	5WA	Taupaki Rd (Taupaki-SH16)	Taupaki to SH16 (part work route to Kumeu and Westgate)	5000	C		Cost estimate still to be prepared	Provide cycleway on-road both directions, where sufficient width exists
11 - 20	6WA	Waitakere Rd(Waitakere to Kumeu(Access Rd))	Waitakere-Kumeu (work route and access to Waitakere railway station)	9300	C		Cost estimate still to be prepared	Provide cycleway on-road both directions, where sufficient width exists
11 - 20	7WA	SH16(Kaukapakapa to Helensville)	SH16 - work & commerce link	8000	C		Cost estimate still to be prepared	Provide cycleway on-road both directions, where sufficient width exists



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TITLE  
**HELENSVILLE WALKWAY PLAN**

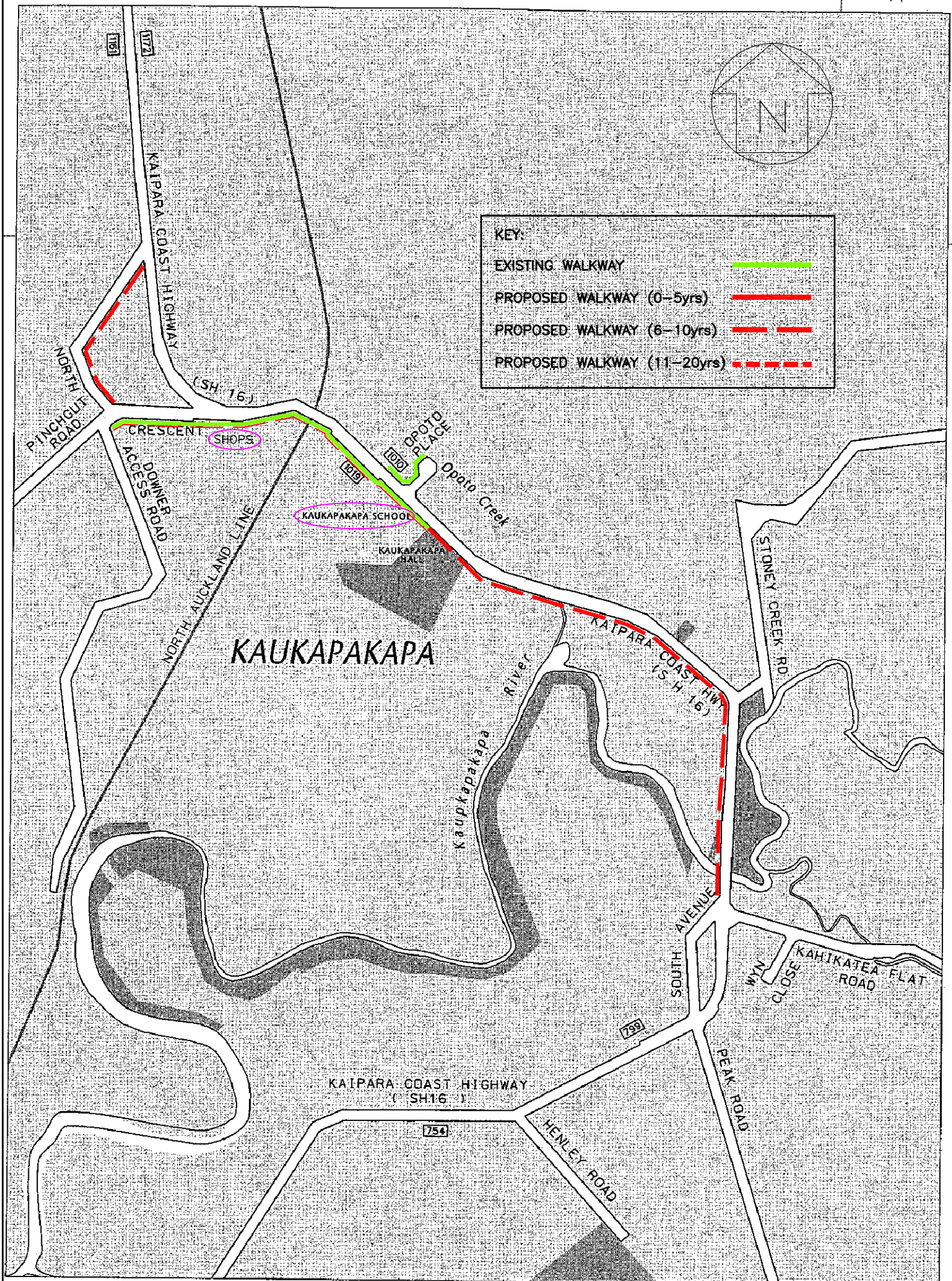
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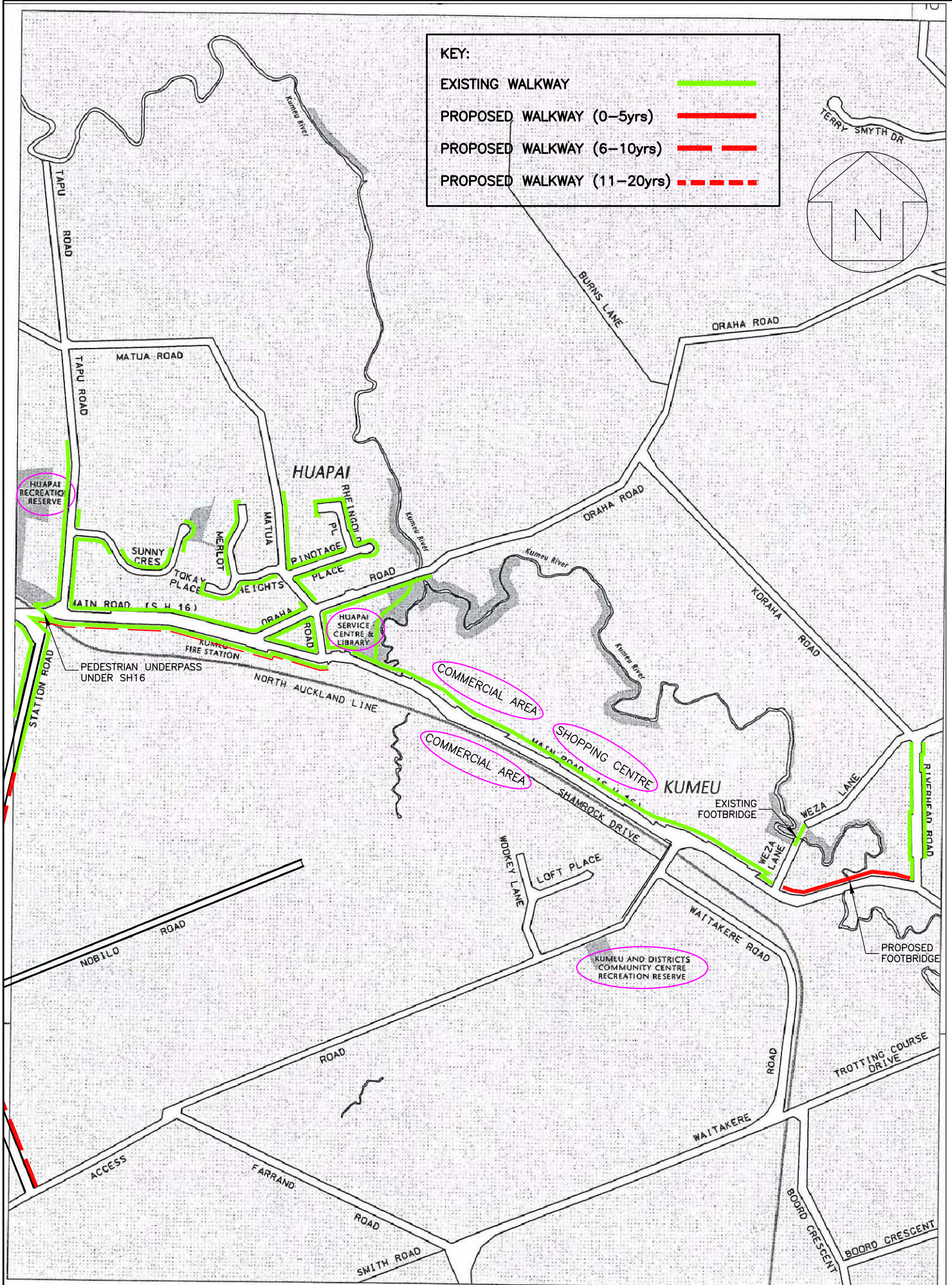
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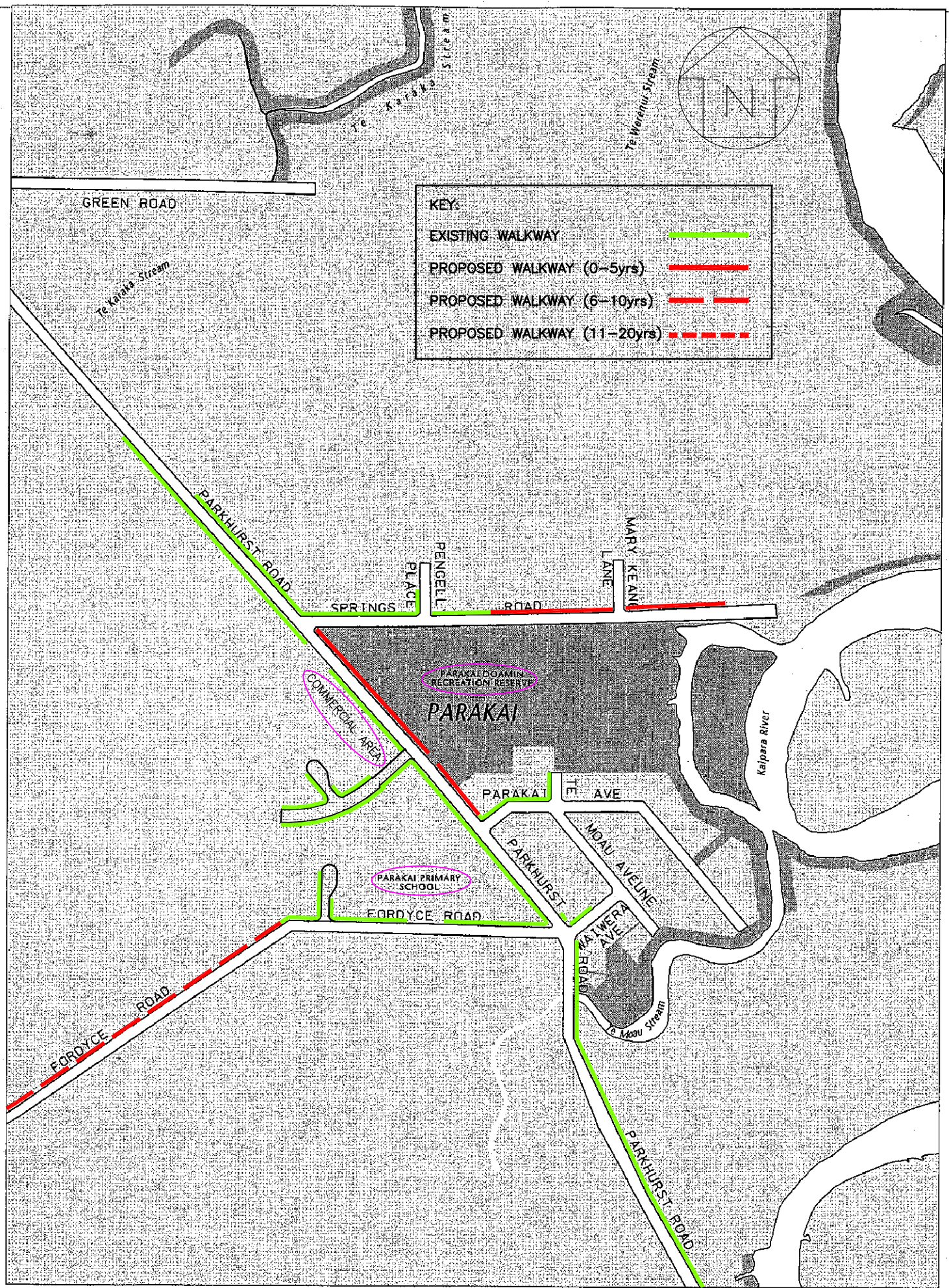
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KEY:

EXISTING WALKWAY	
PROPOSED WALKWAY (0-5yrs)	
PROPOSED WALKWAY (6-10yrs)	
PROPOSED WALKWAY (11-20yrs)	

**PROJENZ**  
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TITLE  
**PARAKAI WALKWAY PLAN**

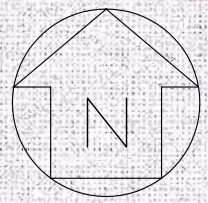
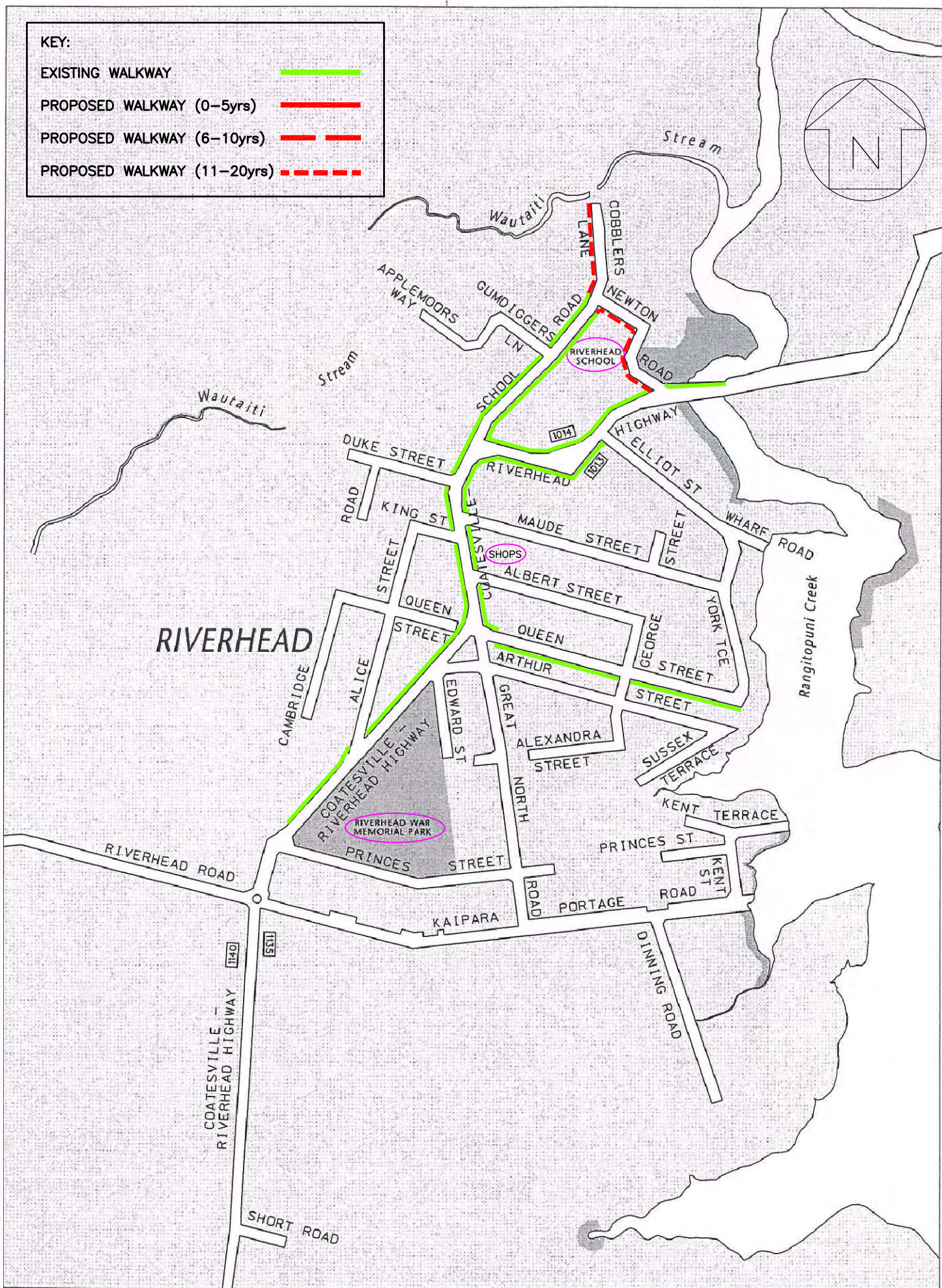
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DATE NOV 2005	SCALE 1:10,000
DRAWING NUMBER 0450-078-C-Parakai	REV



**KEY:**

- EXISTING WALKWAY
- PROPOSED WALKWAY (0-5yrs)
- PROPOSED WALKWAY (6-10yrs)
- PROPOSED WALKWAY (11-20yrs)



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TITLE  
**RIVERHEAD WALKWAY PLAN**

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DATE OCT 2005	SCALE 1:10,000
DRAWING NUMBER 0450-078-C-River	REV

